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L6: Entry 1 of 2

File: DWPI

Jun 8, 2006

DERWENT-ACC-NO: 2004-330210

DERWENT-WEEK: 200639

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TITLE: Estimating risk of carcinoma in humans exposed to human papilloma virus (\underline{HPV}) by detecting, calculating \underline{HPV} amount in human, estimating risk for \underline{HPV} by comparing \underline{HPV} titer value with standard, estimating combined risk for carcinoma in human

INVENTOR: GYLLENSTEN, U; MOBERG, M

PRIORITY-DATA: 2002SE-0002896 (October 1, 2002)

Search Selected	Search ALL	Clear
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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20060121482 A1	June 8, 2006		000	C12Q001/68
WO 2004031417 A1	April 15, 2004	E	029	C12Q001/70
AU 2003265201 A1	April 23, 2004		000	C12Q001/70

INT-CL (IPC): C12P 21/06; C12Q 1/68; C12Q 1/70

ABSTRACTED-PUB-NO: WO2004031417A

BASIC-ABSTRACT:

NOVELTY - Estimating risk of carcinoma in human exposed to human papilloma virus (es) ($\frac{HPV}{I}$), by identifying one or more $\frac{HPV}{I}$ type or its groups in human sample, calculating amount of $\frac{HPV}{I}$ in sample, estimating risk for each of $\frac{HPV}{I}$ or its groups by comparing obtained each viral titer value with specific standard curves for each viral type or group, estimating combined risk for carcinoma in human from individual risk and estimating curves of viral types.

DETAILED DESCRIPTION - Estimating (M1) the risk for development of carcinoma in a human being exposed to human papilloma virus(es) ($\underline{\text{HPV}}$), involves identifying one or more of $\underline{\text{HPV}}$ or its groups in a sample from the human being, calculating the amount of $\underline{\text{HPV}}$ of each type or group in the sample and normalizing the values to the amount of cells sampled, estimating the risk for each of the $\underline{\text{HPV}}$ or groups of $\underline{\text{HPV}}$ by comparing the obtained each viral titer value with type or group specific standard curves for each viral type or group with risk estimating values and estimating the combined risk for carcinoma development for the human being from the individual risk estimating curves of the different viral types.

USE - (M1) is useful for estimating the risk for development of carcinoma, preferably cervical carcinoma in situ (CIS) in a human being, preferably women expose to HPV, where HPV is chosen from HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 67 and 68, preferably chosen from HPV 16, 18, 31, 33, 35, 39, 45, 52 and 58

(claimed). (M1) is useful for estimating the risk of cancer in various organs such as cervical, vulvar, vaginal, anal, penile, oropharyngeal and skin cancer in an individual being expose to HPV.

ADVANTAGE - (M1) is efficient in screening the risk of carcinoma in human, which is effective in reducing the incidence of cervical cancer.

DESCRIPTION OF DRAWING(S) - The figures show the graph representing the relationship between the median \underline{HPV} 16, \underline{HPV} 31 and \underline{HPV} 18/45 titer in each quintile and odds ratio (OR). 1a, 1b/2

ABSTRACTED-PUB-NO: WO2004031417A EQUIVALENT-ABSTRACTS:

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Search Results - Record(s) 1 through 10 of 16 returned.

☐ 1. Document ID: US 7267961 B2

L15: Entry 1 of 16

File: USPT

Sep 11, 2007

US-PAT-NO: 7267961

DOCUMENT-IDENTIFIER: US 7267961 B2

TITLE: Peptides from the E7 protein of human papilloma viruses 16 and 18 for detecting and/or diagnosing cervical and other human papilloma virus associated cancers

DATE-ISSUED: September 11, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050221295 A1

October 6, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Sep 4, 2007

Hu; Yao Xiong

Mountain View

CA 94040

ZIP CODE

US

Rosenfeld; Mark J.

Draper

UT

File: USPT

US

US-CL-CURRENT: 435/7.1; 435/6, 435/7.91

Full	Title	≘ Citation	Front	Review	Classification	Date	Reference	Sequences	では、では代	Claims	KWIC	Draw, D
	2.	Docume	nt ID:	US 72	64814 B2							

US-PAT-NO: 7264814

L15: Entry 2 of 16

DOCUMENT-IDENTIFIER: US 7264814 B2

TITLE: Composition and method for treating cancer using herpes virus

DATE-ISSUED: September 4, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040228876 A1

November 18, 2004

INVENTOR-INFORMATION:

Record List Display

CITY NAME

STATE ZIP CODE COUNTRY

Nishiyama; Yukihiro Aichi-gun, Aichi 470-0155

JP

US-CL-CURRENT: 424/199.1; 424/229.1, 435/320.1

Full Title Citation Front Review Classification Date Reference Sequences State Claims KMC Draw, De

3. Document ID: US 7198792 B2

L15: Entry 3 of 16

File: USPT

Apr 3, 2007

US-PAT-NO: 7198792

DOCUMENT-IDENTIFIER: US 7198792 B2

TITLE: Genetic immunization against cervical carcinoma

DATE-ISSUED: April 3, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040005711 A1

January 8, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Regts; Djoeke Geesje

Groningen

NL

Holtrop; Marijke

Groningen

NL

Wilschut; Jan Christiaan Daemen; Catharina Arnoldine H. H.

Garnwerd Leermens

NLNL

US-CL-CURRENT: 424/199.1; 424/204.1, 435/320.1

Full Title Citation Front Review Classification Date Reference Sequences with the Claims KMC Draw De

4. Document ID: US 7179471 B2

L15: Entry 4 of 16

File: USPT

Feb 20, 2007

US-PAT-NO: 7179471

DOCUMENT-IDENTIFIER: US 7179471 B2

TITLE: Materials and methods relating to fusion proteins an immune response

DATE-ISSUED: February 20, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040072781 A1

April 15, 2004

INVENTOR-INFORMATION:

Record List Display

NAME

CITY

STATE ZIP CODE

COUNTRY

Savelyeva; Natalia

Southampton

GB

Stevenson; Freda

Southampton

GB

US-CL-CURRENT: $\underline{424}/\underline{204.1}$; $\underline{424}/\underline{278.1}$, $\underline{435}/\underline{69.1}$

Full Title Citation Front Review Classification Date Reference Sequences Citation Front Review Classification Date Reference

☐ 5. Document ID: US 7118754 B1

L15: Entry 5 of 16

File: USPT

Oct 10, 2006

US-PAT-NO: 7118754

DOCUMENT-IDENTIFIER: US 7118754 B1

TITLE: Pharmaceutical composition for treating papillomavirus tumors and infection

DATE-ISSUED: October 10, 2006

INVENTOR - INFORMATION:

NAME CITY

Lingolsheim

STATE

COUNTRY

Balloul; Jean-Marc Bizouarne; Nadine

Schiltigheim

FR FR

Kieny; Marie-Paule

Strasbourg

FR

ZIP CODE

US-CL-CURRENT: 424/199.1; 424/204.1, 435/320.1, 435/6, 435/69.1

Full Title Citation Front Review Classification Date Reference Sequences Claims KWC Draw. De

☐ 6. Document ID: US 6933123 B2

L15: Entry 6 of 16

File: USPT

Aug 23, 2005

US-PAT-NO: 6933123

DOCUMENT-IDENTIFIER: US 6933123 B2

TITLE: Peptides from the E2, E6, and E7 proteins of human papilloma viruses 16 and 18 for detecting and/or diagnosing cervical and other human papillomavirus

associated cancers

DATE-ISSUED: August 23, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Hu; Yao Xiong

Mountain View

CA

94040

Rosenfeld; Mark J.

Draper

UT

US-CL-CURRENT: $\frac{435}{7.1}$; $\frac{435}{5}$, $\frac{435}{6}$, $\frac{435}{7.91}$, $\frac{435}{7.94}$

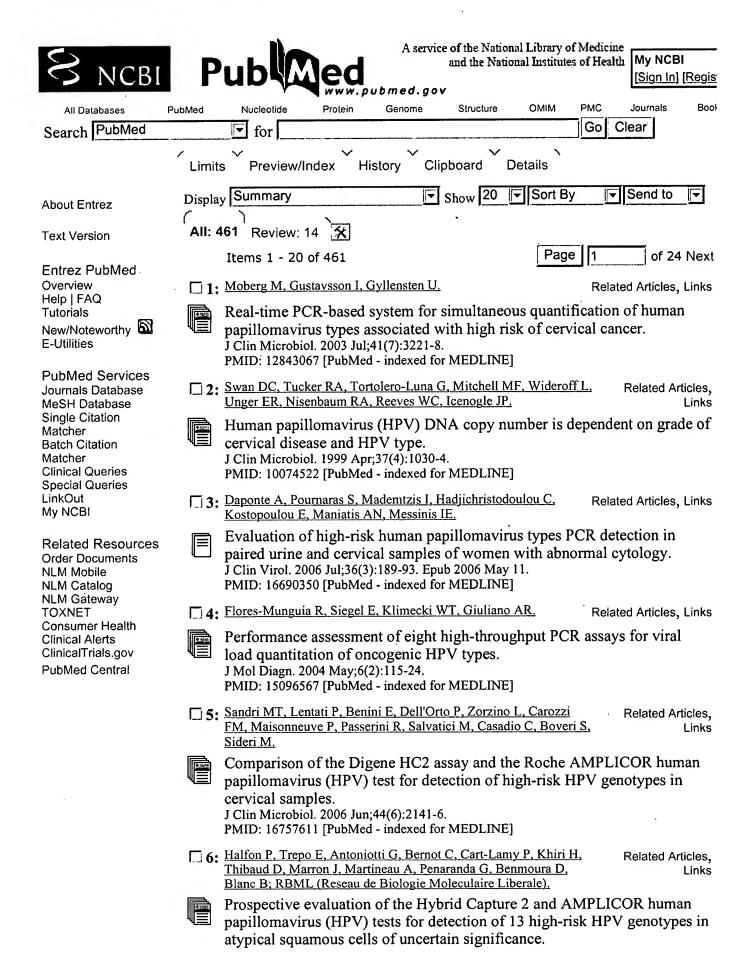
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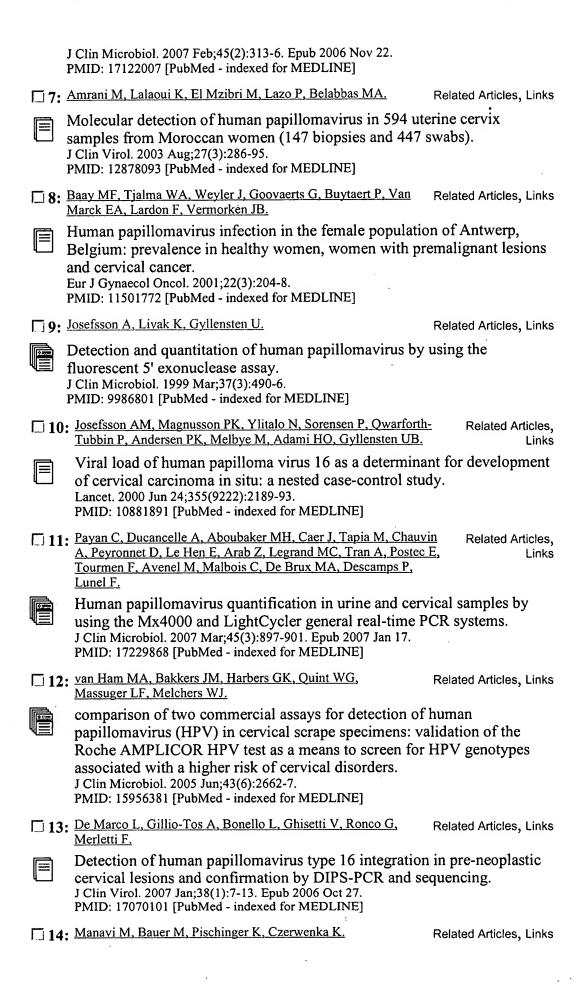
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DATE: Thursday, October 18, 2007

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	L6	Fischer Timothy J.in.	21
	L5	L2 and papilloma virus	0
	DB=USI	PT; PLUR=YES; OP=ADJ	
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	L3	L2 and papillomavirus	1
	L2	Fischer Timothy J.in.	27
	L1	mix and hpv.clm. and salimi.xp.	11

END OF SEARCH HISTORY





	Detection of human papillomavirus on Papanicolaou-s smears using indirect in situ polymerase chain reaction Arch Pathol Lab Med. 2001 Mar;125(3):353-7. PMID: 11231482 [PubMed - indexed for MEDLINE]	
□ 15:	Khan MJ, Castle PE, Lorincz AT, Wacholder S, Sherman M, Scott DR, Rush BB, Glass AG, Schiffman M.	Related Articles, Links
	The elevated 10-year risk of cervical precancer and ca human papillomavirus (HPV) type 16 or 18 and the potype-specific HPV testing in clinical practice. J Natl Cancer Inst. 2005 Jul 20;97(14):1072-9. PMID: 16030305 [PubMed - indexed for MEDLINE]	
□ 16:	Lai HC, Peng MY, Nieh S, Yu CP, Chang CC, Lin YW, Sun CA, Chu TY.	Related Articles, Links
	Differential viral loads of human papillomavirus 16 ar the spectrum of cervical carcinogenesis. Int J Gynecol Cancer. 2006 Mar-Apr;16(2):730-5. PMID: 16681753 [PubMed - indexed for MEDLINE]	nd 58 infections in
□ 17:	Moberg M, Gustavsson I, Gyllensten U.	Related Articles, Links
	Type-specific associations of human papillomavirus lo developing cervical carcinoma in situ. Int J Cancer. 2004 Dec 10;112(5):854-9. PMID: 15386375 [PubMed - indexed for MEDLINE]	oad with risk of
□ 18:	Forslund O, Lindqvist P, Haadem K, Czegledy J, Hansson BG.	Related Articles, Links
	HPV 16 DNA and mRNA in cervical brush samples q and microwell hybridization. J Virol Methods. 1997 Dec;69(1-2):209-22. PMID: 9504766 [PubMed - indexed for MEDLINE]	uantified by PCR
□ 19:	Speich N, Schmitt C, Bollmann R, Bollmann M.	Related Articles, Links
	Human papillomavirus (HPV) study of 2916 cytologic and DNA sequencing: genotype spectrum of patients for German area. J Med Microbiol. 2004 Feb;53(Pt 2):125-8. PMID: 14729933 [PubMed - indexed for MEDLINE]	
□ 20:	Castle PE, Solomon D, Schiffman M, Wheeler CM.	Related Articles, Links
	Human papillomavirus type 16 infections and 2-year a cervical precancer in women with equivocal or mild cyabnormalities. J Natl Cancer Inst. 2005 Jul 20;97(14):1066-71. PMID: 16030304 [PubMed - indexed for MEDLINE]	
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Full Title Citation Front Review Classification Date Reference Claims RWIC Draw Do

7. Document ID: US 6893869 B2
L15: Entry 7 of 16 File: USPT May 17, 2005

US-PAT-NO: 6893869

DOCUMENT-IDENTIFIER: US 6893869 B2

TITLE: Enhanced immune response to an antigen by a composition of a recombinant virus expressing the antigen with a recombinant virus expressing an immunostimulatory molecule

DATE-ISSUED: May 17, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Schlom; Jeffrey Potamac MD
Kantor; Judith Rockville MD
Hodge; James W. Gaithersburg MD

US-CL-CURRENT: $\frac{435}{325}$; $\frac{435}{235.1}$, $\frac{435}{320.1}$, $\frac{435}{69.1}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	运动的"拉"	20.其形形。1875	Claims	KMC	Drawt De

☐ 8. Document ID: US 6884605 B2

L15: Entry 8 of 16 File: USPT

Apr 26, 2005

US-PAT-NO: 6884605

DOCUMENT-IDENTIFIER: US 6884605 B2

TITLE: Compositions, methods and products comprising human papillomavirus for detecting and treating a cancer

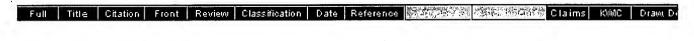
DATE-ISSUED: April 26, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hermonat; Paul L. Little Rock AR Klimberg; V. Suzanne Little Rock AR Liu; Yong Little Rock AR

US-CL-CURRENT: 435/91.1; 435/6, 536/24.33



9. Document ID: US 6740494 B2

L15: Entry 9 of 16

File: USPT

May 25, 2004

US-PAT-NO: 6740494

DOCUMENT-IDENTIFIER: US 6740494 B2

TITLE: Nuclear matrix protein fluid assay

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Beausang; Lee Anne

Norfolk

_

Lidgard; Graham P.

Wellesley

MA MA

MA

Miller; Thomas E.

Franklin

US-CL-CURRENT: $\frac{435}{7.1}$; $\frac{435}{7.21}$, $\frac{435}{7.23}$, $\frac{435}{7.92}$, $\frac{435}{7.92}$, $\frac{435}{7.94}$, $\frac{435}{961}$

Full Title Citation Front Review Classification Date Reference

☐ 10. Document ID: US 6730300 B2

L15: Entry 10 of 16

File: USPT

May 4, 2004

US-PAT-NO: 6730300

DOCUMENT-IDENTIFIER: US 6730300 B2

TITLE: Humanization of an anti-carcinoembryonic antigen anti-idiotype antibody and

use as a tumor vaccine and for targeting applications

DATE-ISSUED: May 4, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Leung; Shui-on

Madison

NJ

Losman; Michele J.

South Orange

NJ

Hansen; Hans

Mystic Island

NJ

US-CL-CURRENT: $\underline{424}/\underline{131.1}$; $\underline{424}/\underline{130.1}$, $\underline{424}/\underline{133.1}$, $\underline{424}/\underline{141.1}$

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Documents

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DATE: Thursday, October 18, 2007

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	L13	detection and high risk hpv.clm. and salimi.xp.	1
	L12	detection and hpv.clm.and salimi.xp.	42
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	L9	estimating risk and hpv	1
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	L7	WO-2004031417-A1.did.	1
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	L6	L5 and hpv	2
	L5	Moberg M.in.	12
	DB=PC	GPB; PLUR=YES; OP=ADJ	
	L4	Moberg Martin.in.	2
	L3	Gyllensten Ulf.in.	4
	DB=US	SPT; PLUR=YES; OP=ADJ	
	L2	Gyllensten Ulf.in.	2
	L1	6420106	1

END OF SEARCH HISTORY